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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-35285

First Inventor

Keerthinarayan P. Heragu

Title

Self-Timed Strobe Generator and Method for Use with Multi-Strobe
Random Access Memories to Increase Memory Bandwidth

Express Mail Label No.

EU381662464US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification
(preferred arrangement set forth below) [Total Pages **16**]
- Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total **2**]
Sheets
5. Oath or Declaration [Total **1**]
Pages
- a. ☒ Newly Executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & documents(s))
10. ☐ 37 CFR 3.73(b) Statement
(when there is an assignee) ☒ Power of
Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure
Statement (IDS)/PTO-1449 ☒ Copies of IDS
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation

☐ Divisional

☐ Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application information:

Examiner _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS



Customer Number or Bar Code Label

23494

(Insert Customer No. or Attach bar code label here)



Correspondence address below

NAME

Texas Instruments Incorporated

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

(972) 917-5466

FAX

(972) 917-4418

Name (Print/Type)

Alan K. Stewart (Reg. No. 35,373) by Charles A. Rattner (Reg. No. 40,136)

Signature

Date

August 5, 2003

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Express Mailing Label No.: EU381662464US

TOTAL AMOUNT OF PAYMENT (\$ 790

Complete If Known

Application Number
Filing Date August 5, 2003
First Named Inventor Keerthinarayan P. Heragu
Examiner Name
Group Art Unit
Attorney Docket No. TI-35285

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number 20-0668
- Deposit Account Name Texas Instruments Incorporated
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27
2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION (continued)

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|----------|--------------|----------|---|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 205 | 65 | Surcharge - late filing fee of oath | |
| 1052 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 139 | 130 | Non-English specification | |
| 1812 | 2,520 | 147 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 215 | 55 | Extension for reply within first month | |
| 1252 | 400 | 216 | 195 | Extension for reply within second month | |
| 1253 | 920 | 217 | 445 | Extension for reply within third month | |
| 1254 | 1,440 | 218 | 695 | Extension for reply within fourth month | |
| 1255 | 1,960 | 228 | 945 | Extension for reply within fifth month | |
| 1401 | 320 | 219 | 155 | Notice of Appeal | |
| 1402 | 320 | 220 | 155 | Filing a brief in support of an appeal | |
| 1403 | 280 | 221 | 135 | Request for oral hearing | |
| 1451 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,280 | 241 | 620 | Petition to revive - unintentional | |
| 1501 | 1,280 | 242 | 620 | Utility issue fee (or reissue) | |
| 1502 | 480 | 243 | 220 | Design issue fee | |
| 1503 | 620 | 244 | 300 | Plant issue fee | |
| 1460 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 123 | 130 | Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q)) | |
| 1806 | 180 | 126 | 180 | Submission of information Disclosure Stmt | |
| 8021 | 40 | 581 | 40 | Recording each patent assignment per property (times no. of properties) | 40 |
| 1809 | 740 | 246 | 355 | Filing a submission after final rejection (37 CFR §1.129(a)) | |
| 1810 | 740 | 249 | 355 | For each additional invention to be examined (37 CFR §1.129(b)) | |
| 1801 | 740 | 279 | 355 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) | | | | | |
| SUBTOTAL (3) | | | | | \$ 40 |

FEE CALCULATION

1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 1001 | 750 | 201 | 375 | Utility filing fee | \$750 |
| 1002 | 330 | 206 | 160 | Design filing fee | |
| 1003 | 510 | 207 | 245 | Plant filing fee | |
| 1004 | 740 | 208 | 355 | Reissue filing fee | |
| 1005 | 160 | 214 | 75 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$)750 |

2. EXTRA CLAIM FEES

| Claims | | Fee from below | | Fee Paid |
|--------------------|--------------------|----------------|---|----------|
| Total Claims | Independent Claims | | | |
| 20 | 2 | -20**= | X | 18 |
| | | -3**= | X | 84 |
| Multiple Dependent | | | | 270 |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|---|----------|
| 1202 | 18 | 203 | 9 | Claims in excess of 20 | |
| 1201 | 84 | 202 | 40 | Independent claims in excess of 3 | |
| 1203 | 280 | 204 | 135 | Multiple dependent claim, if not paid | |
| 1204 | 84 | 209 | 40 | **Reissue independent claims over original patent | |
| 1205 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | (\$) |

**or number previously paid, if greater; For Reissue, see above

SUBMITTED BY

Name (Print/Type) Alan K. Stewart, Reg. No. 35,373 by Charles A. Rattner, Reg. No. 40,136

Signature

Complete (if applicable)

Phone (972) 917-5466

Date August 5, 2003

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Attorney Docket No. TI-35285

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Keerthinarayan P. HERAGU et al.

SERIAL NO.:

FILING DATE: 08/05/2003

TITLE: SELF-TIMED STROBE GENERATOR AND METHOD FOR USE WITH MULTI-STROBE RANDOM ACCESS MEMORIES TO INCREASE MEMORY BANDWIDTH

Commissioner for Patents
P.O. Box 1450
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

Express Mail label number: EU 381662464 US


Date of Deposit: 08/05/2003

I hereby state that the following *attached* papers or fees

Utility Patent Application Transmittal Letter (1 pp.)
Fee Transmittal Letter (1 pp.)
Declaration (1 pp.)
Assignment and Recordation Cover Sheet (2 pp.)
Specification (16 pp.)
Figures (2 pp, FIGS. 1-4)
Information Disclosure Statement and Copies of 3 references (46 pp.)
Return Receipt Postcard (2)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Charles A Rattner (PTO Reg. No. 40,136)



Signature